

# Mouse S100A8 (His Tag) recombinant protein



Catalog Number: 500670

## General Information

### Gene Name Synonym

Calgranulin-A; Chemotactic cytokine CP-10; Leukocyte L1 complex light chain; Migration inhibitory factor-related protein 8; Pro-inflammatory S100 cytokine; S100 calcium-binding protein A8

### Protein Construction

A DNA sequence encoding the mouse S100a8 (P27005) (Pro2-Glu89) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

### Molecular Mass

The recombinant mouse S100a8 consists of 104 amino acids and predicts a molecular mass of 12.3 KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 20% Glycerol, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

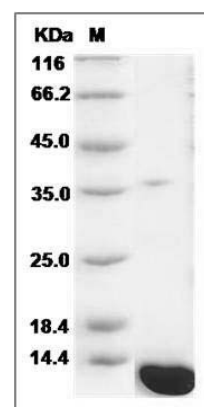
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse S100A8 / CAGA Protein (His Tag) SDS-PAGE